

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (currently amended) A method of reinforcing a monopole tower comprising:
forming a reinforcement column including:
applying a fluid reinforcing material to embed a vertical length of the monopole tower;
and
holding the fluid reinforcing material in place using a releasable mold along the vertical
length of the monopole tower until it solidifies to form the reinforcement column
having the length of the monopole tower embedded therein, and
releasing the mold from the reinforcement column.
2. (withdrawn) The method of reinforcing a tower as in claim 1, wherein the tower is a guy
tower comprising a metal skeletal structure.
3. (currently amended) The method of reinforcing a monopole tower as in claim 1, wherein the
monopole tower ~~is a monopole tower comprising~~ a metal tubular structure.
4. (currently amended) The method of reinforcing a monopole tower as in claim 1, wherein the
fluid reinforcing material comprises wet concrete cement.
5. (currently amended) The method of reinforcing a monopole tower as in claim 1, further
comprising embedding a plurality of spaced apart tension cables into and extended vertically
through the reinforcement column.
6. (currently amended) The method of reinforcing a monopole tower as in claim 1, wherein
applying the fluid reinforcing material comprises pouring the fluid reinforcing material into
[[a]]the mold around the monopole tower.
7. (currently amended) The method of reinforcing a monopole tower as in claim 1, wherein
applying the fluid reinforcing material comprises spraying the fluid reinforcing material onto
the vertical length of the monopole tower.
8. (currently amended) A method of reinforcing a monopole tower comprising:

- a. forming a mold in the shape of a column around a portion of the monopole tower;
 - b. pouring wet concrete cement into the mold;
 - c. allowing the poured wet concrete cement to at least partially solidify in mold; and
 - d. releasing the mold from the at least partially solidified concrete cement so that a concrete reinforcement column is formed encapsulating the monopole tower.
9. (currently amended) The method of reinforcing a monopole tower ~~forming a concrete column~~ in claim 8, wherein forming the mold further comprises forming a cylindrically shaped mold.
10. (currently amended) The method of reinforcing a monopole tower ~~forming a concrete column~~ in claim 8, further comprising molding a plurality of spaced apart tension cables into and extending vertically through the concrete reinforcement column.
11. (currently amended) The method of reinforcing a monopole tower ~~forming a concrete column~~ as in claim 8, further comprising providing tensioners for tensioning the tension cables.
12. (withdrawn) The method of forming a concrete column as in claim 10, further comprising providing tensioners for tensioning the tension cables from the bottom of the concrete reinforcement column.
13. (currently amended) The method of reinforcing a monopole tower ~~forming a concrete column~~ as in claim 10 further comprising providing tensioners for tensioning the tension cables from the top of the reinforcement column.
14. (withdrawn) The method of reinforcing a tower as in claim 8, further comprising attaching an antenna support structure to the tower structure that is partially embedded as the reinforcement column is formed.
15. (withdrawn) The method of reinforcing a tower as in claim 8, further comprising attaching an antenna support structure by clamping or otherwise to the concrete reinforcement column after the reinforcement column is formed.

16. (withdrawn) The method of reinforcing a tower as in claim 8, further comprising attaching an antenna support structure to an un-embedded portion of the guy tower above the reinforcement column.
17. (withdrawn) A method of reinforcing a metal guy tower comprising forming a concrete reinforcement column with an existing vertical length of the guy tower embedded in the reinforcement column.
18. (withdrawn) The method of reinforcing a guy tower as in claim 17, wherein forming a concrete reinforcement column further comprises:
 - a. forming a mold around a lower portion of the guy tower to form a lower column section;
 - b. pouring wet concrete into the mold;
 - c. allowing the poured concrete to at least partially cure;
 - d. releasing the mold from the lower column section;
 - e. raising the mold and positioning the mold at an upper portion of the tower contiguous with the lower portion of the tower; and
 - f. molding an upper column section contiguous with the lower column section.
19. (withdrawn) The method of reinforcing a guy tower as in claim 17, wherein forming a concrete reinforcement column further comprises:
 - a. forming a mold from the bottom of the guy tower to a desired height of the concrete reinforcement column;
 - b. pouring concrete into the mold;
 - c. allowing the poured concrete to at least partially cure; and
 - d. releasing the mold from the concrete reinforcement column.
20. (withdrawn) The method of reinforcing a guy tower as in claim 17, wherein forming a concrete reinforcement column comprises forming a concrete column extending only partially along the entire vertical length of the guy tower.
21. (withdrawn) The method of reinforcing a guy tower as in claim 17, wherein forming a concrete reinforcement column comprises forming a concrete column extending the entire vertical length of the guy tower.

22. (withdrawn) The method of reinforcing a guy tower as in claim 17, further comprising:
- a. removing guy wires as the concrete reinforcement column is molded upward;
 - b. adding brackets connected to the concrete reinforcement column;
 - c. removing the mold from the concrete reinforcement column; and
 - d. attaching the guy wires to the brackets.
23. (withdrawn) The method of reinforcing a guy tower as in claim 17, further comprising molding an antenna support structure into the concrete reinforcement column.
24. (withdrawn) The method of reinforcing a guy tower as in claim 17, further comprising attaching an antenna support structure to the tower structure that is partially embedded in the concrete reinforcement column as the reinforcement column is formed.
25. (withdrawn) The method of reinforcing a guy tower as in claim 17, further comprising attaching an antenna support structure by clamping or otherwise to the concrete reinforcement column after the concrete reinforcement column is formed.
26. (withdrawn) The method of reinforcing a guy tower as in claim 17, further comprising attaching an antenna support structure to an un-embedded portion of the guy tower above the concrete reinforcement column.
27. (withdrawn) The method of reinforcing a guy tower as in claim 17, wherein forming the mold further comprises forming a cylindrically shaped mold.
28. (withdrawn) The method of reinforcing a guy tower as in claim 17, further comprising molding a plurality of spaced apart tension cables into and extending vertically through the concrete reinforcement column.
29. (withdrawn) The method of reinforcing a guy tower as in claim 28, further comprising providing a tensioner for tensioning the tension cables in the concrete reinforcement column.
30. (currently amended) A method of reinforcing a monopole tower comprising forming a concrete reinforcement column encapsulating ~~a vertical~~ the entire length of the monopole tower.

31. (currently amended) ~~The A~~ method of reinforcing a monopole tower ~~as in claim 30, wherein~~
comprising forming a concrete reinforcement column encapsulating a vertical length of the
monopole tower; wherein forming a concrete reinforcement column further comprises:
- ~~a.~~ forming a mold around a portion of the monopole tower;
 - ~~b.~~ pouring concrete into the mold;
 - ~~c.~~ allowing the poured concrete to at least partially solidify; and
 - ~~d.~~ releasing the mold from the at least partially solidified concrete.
32. (currently amended) The method of reinforcing a monopole tower as in claim ~~30~~31, wherein
forming a ~~concrete reinforcement column further~~ mold around a portion of the monopole
tower comprises
- ~~a.~~ forming a mold around a lower portion of the monopole tower to form a lower column
section;
 - ~~b.~~ pouring concrete into the mold comprises pouring wet concrete into the mold;
 - ~~c.~~ allowing the poured concrete to at least partially cure;
 - ~~d.~~ releasing the mold from the at least partially solidified concrete comprises releasing
the mold from the lower column section; and
 - ~~e.~~ further comprising raising the mold and positioning the mold at an upper portion of
the monopole tower contiguous with the lower portion of the monopole tower;
and
 - ~~f.~~ molding an upper column section contiguous with the lower column section.
33. (currently amended) The method of reinforcing a monopole tower as in claim ~~30~~31, wherein
forming a ~~concrete reinforcement column further~~ mold around a portion of the monopole
tower comprises:
- ~~a.~~ forming a mold from the bottom of the monopole tower to a desired height of the
concrete column[;].
 - ~~b.~~ pouring concrete into the mold;
 - ~~c.~~ allowing the poured concrete to at least partially cure; and
 - ~~d.~~ releasing the mold from the concrete reinforcement column.

34. (currently amended) The method of reinforcing a monopole tower as in claim ~~30~~31, wherein forming the concrete reinforcement column ~~formed~~ comprises forming the concrete column extending only partially along the entire vertical length of the monopole tower.
35. (currently amended) The method of reinforcing a monopole tower as in claim ~~30~~31, wherein forming a concrete reinforcement comprises forming the concrete column ~~is formed~~ extending the entire vertical length of the monopole tower.
36. (withdrawn) The method of reinforcing a monopole tower as in claim 30, further comprising molding an antenna support structure into the concrete reinforcement column.
37. (withdrawn) The method of reinforcing a monopole tower as in claim 30, further comprising attaching to the tower an antenna support structure that is partially embedded in the concrete reinforcement column as the concrete reinforcement column is formed.
38. (withdrawn) The method of reinforcing a monopole tower as in claim 30, further comprising attaching an antenna support structure by clamping or otherwise to the concrete column after the concrete reinforcement column is formed.
39. (withdrawn) The method of reinforcing a monopole tower as in claim 30, further comprising attaching an antenna support structure to an un-embedded portion of the monopole tower above the concrete reinforcement column.
40. (new) A method of reinforcing a monopole tower having a vertical length comprising:
forming a reinforcement column including:
 applying a fluid reinforcing material to embed the entire monopole tower; and
 holding the fluid reinforcing material in place using along the entire vertical length of the monopole tower until it solidifies to form the reinforcement column having the entire vertical length of the monopole tower embedded therein.